

Agenda for the 6th Annual IAMC Annual Meeting

The 6th Annual IAMC Meeting will be held at the National Institute of Environmental Studies, Tsukuba, Japan

Agenda Updated September 12, 2013

Day 1: Monday, October 28, 2013

| Opening Plenary | | | Chair: |
|--------------------------|-------|---|---|
| 8:30 | 8:40 | Welcome | Akimasa Sumi |
| 8:40 | 9:00 | Introduction | John Weyant |
| 9:00 | 10:00 | Lessons from Recent Model Comparison Exercises | Massimo Tavoni, Elmar Kriegler, John Weyant |
| 10:00 10:30 Break | | | |
| 10:30 | 11:45 | New scientific working group on evaluation and diagnostics: presentation and moderated discussion | Elmar Kriegler, Jae Edmonds, John Weyant |
| 11:45 | 12:30 | Update on the Scenarios | Detlef van Vuuren, Brian O'Neill, Jae Edmonds |

12:30 13:30 Lunch

| Parallel Session: Modeling Impacts and Adaptation in Integrated Assessment | | | |
|--|-------|---|---|
| 13:30 | 13:40 | Introduction | Kate Calvin, Juan Carlos Ciscar, Tom Kram |
| 13:40 | 14:10 | Determinants of uncertainty in population exposure to climate-related extremes | Brian O'Neill |
| 14:10 | 14:40 | Reversal of the land biosphere carbon balance under climate and land-use change explored with IMAGE-LPJ | Tom Kram |
| 14:40 | 15:10 | A scenario analysis on adaptation to impacts of precipitation on crop harvests in China | Taoyuan Wei |
| 15:10 15:40 Break | | | |
| 15:40 | 16:05 | TBD | Peter Russ |
| 16:05 | 16:30 | Climate Change Impacts in Latin American: A Multi-Model Analysis | Kate Calvin |
| 16:30 | 16:55 | AgMIP/ISIMIP Talk | TBD |
| 16:55 | 17:20 | Overview of the CIRA Study | Jim McFarland |
| 17:20 | 17:50 | Moderated Discussion of Research Priorities | Kate Calvin, Juan Carlos Ciscar, Tom Kram |

| Parallel Session: Using Integrated Assessment Models to Inform Near-Term International Policy Discussions | | | |
|---|-------|---|--|
| 13:30 | 13:35 | Introduction | Gunnar Luderer, Peter Russ, Massimo Tavoni |
| 13:35 | 14:00 | Is Overshoot Optimal? Negative Emissions in a Cost-Benefit Setting | Geoffrey Blanford |
| 14:00 | 14:25 | Probabilistic Integrated Assessment of Optimal Climate Policies | Laurent Drouet |
| 14:25 | 14:50 | Policy Implications of Recent Model-Intercomparisons | Nils Johnsson |
| 14:50 | 15:10 | A New Approach of Carbon Emission Allocation among Stakeholders: An Expansion of Multiregional and Multisectoral Dynamic Energy Economic Model THERESIA | Shunsuke Mori |
| 15:10 15:40 Break | | | |
| 15:40 | 16:05 | Estimating Global Greenhouse Gas Emissions Offset Supplies: Accounting for Investment Risks and Other Market Realities | Steve Rose |
| 16:05 | 16:30 | 2020 emission windows required to limit warming to below 2°C | Joeri Rogelj |
| 16:30 | 16:55 | Economic mitigation challenges: how further delay closes the door for achieving climate targets | Gunnar Luderer |
| 16:55 | 17:20 | Analysing the emissions resulting from the pledges under the Cancun Agreements from integrated assessment models | Michel den Elzen |
| 17:20 | 17:45 | Moderated Discussion of Research Priorities | Gunnar Luderer, Peter Russ, Massimo Tavoni |

Day 2: Tuesday, October 29, 2013

Parallel Session: Modeling Energy Demand in Integrated Assessment

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| 8:30 | 8:35 | Introduction | Volker Krey, Detlef van Vuuren, John Weyant |
| 8:35 | 9:00 | Comparing energy use for space heating and cooling across IAMs and Earth System Models | Bas van Ruijven |
| 9:00 | 9:25 | Impacts of Climate Change on Global Buildings: Who Gains and Who Loses? | Jiyong Eom |
| 9:25 | 9:50 | Exploring the dual role of advanced electric end-use technologies | Masahiro Sugiyama |
| 9:50 | 10:15 | Integrating Vehicle Consumer Choice into the MESSAGE Integrated Assessment Model: Implications for Energy Efficiency and Advanced Technology | Kalai Ramea |
| 10:15 | 10:45 | Break | |
| 10:45 | 11:10 | TBD | Detlef van Vuuren |
| 11:10 | 11:35 | Analyzing the feasibility of Low carbon development in China and India using AIM/CGE model | Thanh-Tu TRAN |
| 11:35 | 12:00 | TBD | TBD |
| 12:00 | 12:30 | Moderated Discussion of Research Priorities | Volker Krey, Detlef van Vuuren, John Weyant |

Parallel Session: Understanding Mitigation, Adaptation, and Impacts through a Multi-Objective Lens

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|--------------|--------------|--|--|
| 8:30 | 8:35 | Introduction | Jae Edmonds, David McCollum, Kiyoshi Takahashi |
| 8:35 | 9:00 | Assessing the Roles of Regional Climate Uncertainty, Policy, and Economics on Future Risks to Water Stress: A Large-Ensemble Pilot Case for Southeast Asia | C. Adam Schlosser |
| 9:00 | 9:25 | Climate policies can help resolve energy security and air pollution challenges | David McCollum |
| 9:25 | 9:50 | BECCS and sustainable land-use in mitigation pathways | Etsushi Kato |
| 9:50 | 10:15 | Assessments of Relationships among Climate Change, Food Access and Energy Access with an Integrated Assessment Model | Keigo Akimoto |
| 10:15 | 10:45 | Break | |
| 10:45 | 11:10 | Low Carbon Transport in India: A Co-benefits and Risk Assessment | Priyadarshi R. Shukla |
| 11:10 | 11:35 | A policy for a warmer society and a colder climate? | Solveig Glomsrød |
| 11:35 | 12:00 | The Consequence of Climate Mitigation on Food Security | Tomoko Hasegawa |
| 12:00 | 12:30 | Moderated Discussion of Research Priorities | Jae Edmonds, David McCollum, Kiyoshi Takahashi |

12:30 13:30 Lunch

Closing Plenary

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| 13:30 | 14:15 | Data protocols SWG Session | Volker Krey |
| 14:15 | 14:35 | Reports back from the break-out sessions | Rapporteurs |
| 14:35 | 14:55 | Ongoing and upcoming model comparisons | John Weyant |
| 14:55 | 15:25 | Break | |
| 15:25 | 15:45 | IAMC Priorities | Jae Edmonds |
| 15:45 | 16:15 | Open Discussion: IAMC Priorities | Detlef van Vuuren |
| 16:15 | 17:15 | Open Discussion: Other Business: (1) Pindyck critique and reponse, (2) journal/publications, (3) website, (4) other priorities | Detlef van Vuuren |
| | | TBD | |

Day 3: Wednesday, October 30, 2013

Working Group Meetings

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| 9:00 | 10:30 | Working Group Meetings | TBD |
| 10:30 | 11:00 | Break | |
| 11:00 | 12:30 | Working Group Meetings | TBD |

Poster Session: Posters to be Displayed throughout the Meeting